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Ciba



October 12, 2004

Mr. Frank Battaglia (2 copies)  
USEPA Region I  
Office of Site Remediation and Restoration (HBT)  
JFK Federal Building  
Boston, MA 02203

Re: ~~Quarterly Progress Report for July, August, and September 2004~~  
Ciba Specialty Chemicals, 180 Mill Street, Cranston, RI 02905  
EPA ID RID001194323

Dear Mr. Battaglia:

As required by the modified Consent Decree (CD) of September 28, 1992, I am submitting a stabilization progress report for the first quarter of 2004.

## 1.0 SUMMARY

### Stabilization Plan (IRM)

- **Contaminated groundwater in the Production Area (AOC 13)** -- The groundwater extraction wells 110 and 120, and the pretreatment system are operating as designed. Problems with reduced yield for well 130 remain after rehabilitation. This issue is being addressed.

Since initiation on September 29, 1995, the groundwater stabilization pretreatment plant has processed approximately 278.5 million gallons of contaminated groundwater meeting the permit wastewater discharge limits for the City of Cranston, Rhode Island.

- **Soil in the Production Area (SWMU 11)** -- EPA approved the removal of all SVE/Thermal Oxidizer equipment and abandonment of the SVE wells. Soil sampling was completed in September and results are pending.



## 2.0 DISCUSSION

### Groundwater Treatment System

The three extraction wells are pumping a total of approximately 55 GPM versus the expected 62 GPM. Well 130 experienced a loss of capacity and was rehabilitated in July of 2004. Shortly after rehabilitation well 130 again began to lose capacity. Plans are being made for Maher Drilling and Pump Services to return to the Site and packer off each screened section of the well and rehabilitate separately using the AquaFreed® process. This rehabilitation should be completed by mid November 2004.

### SVE

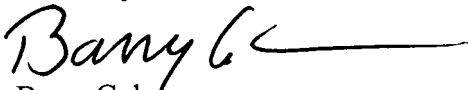
Soil sampling in the SWMU 11 area was completed September 2004, as per the approved EPA sampling plan dated May 9, 2003. In addition, EPA approved the removal of all SVE/Thermal Oxidizer equipment and abandonment of the SVE wells. Currently, plans are being made to dismantled and removed SVE from the Site and permanently closed the eight SVE vacuum extraction well's during the spring of 2005.

## 3.0 SCHEDULE OF ACTIVITIES

- Annual groundwater sampling in October 2004
- Schedule soil sampling report for 4th quarter 2004

If you have questions or need additional information, please contact me at 732 914-2537 or fax 732 914-2909.

Sincerely,



Barry Cohen  
Compliance Manager

Attachment: 1

c: Chron file

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